

**GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT**

Rain Shadow Areas Development Department - Cloud Seeding Operations 2009 (Indira Meghamadanamu) – Continuation of Cloud Seeding Operations in 12 Rain Shadow Districts during the year 2009-2010 by calling Global Tenders – Orders – Issued.

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**RAIN SHADOW AREAS DEVELOPMENT (RS.II) DEPARTMENT**

**G.O.Ms.No. 2**

**Dated:16-06-2009**

Read the following:

1. G.O.Ms.No.8, RSAD (RS.II) Department, dated 18-06-2008.
2. G.O.Ms.No.10, RSAD (RS.II) Department, dated 21-07-2008.
3. G.O.Ms.No.1, RSAD (RS.II) Department, dated 9-06-2009.
4. From the Coordinator, CASWMT, JNTU, Hyderabad, Letter No. Nil, dated:25.05.2009.

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**ORDER**

The Government of Andhra Pradesh has initiated Cloud Seeding Operations in Rain Shadow Areas Development (hereinafter referred to as RSAD) of the State with a view to mitigate the water scarcity in the Rain Shadow Districts to enhance the rainfall in the rain shadow areas from 2004 onwards. The Cloud Seeding Operations for 2008-09 were entrusted to Center for Atmospheric Sciences & Weather Modification Technologies (CASWMT), JNTU, Hyderabad in the drought prone areas of the Rain Shadow Districts with an estimated cost of Rs. 24.43 (Rupees Twenty Four Corers and Forty Three Lakhs only) crores for 120 days operations.

2. In the G.O. 1st read above, Government have issued orders for continuation of Cloud Seeding Operations for next five monsoon years from 2008-2012. Subsequently the Tender Committee has been authorized to reduce the Cloud Seeding period from five (5) years to one (1) year for finalizing tenders for 2008-09 depending upon the quotations offered by the Tenderers and the terms and conditions offered.

3. In the G.O. 2nd read above, the Cloud Seeding Operations 2008-09 have been entrusted to M/s. Agni Aviation Consultants, Bangalore with an estimated cost of Rs. 24.43 crores (Rupees Twenty Four Corers and Forty Three Lakhs only) for 120 days operations.

4. In the G.O. 3<sup>rd</sup> read above, Government have constituted a Tender Committee to finalize the tender for carrying out the Cloud Seeding Operations for year 2009-2010 in the State.

5. Government after careful examination of the matter and in consultation with the Coordinator, CASWMT, JNTU, hereby accept the proposal for continuation of the Cloud Seeding operations for the present year i.e., 2009-2010 in 12 Rain Shadow Districts by hiring three radars with an estimated cost of Rs.35.00 crores (Rupees Thirty Five Crores) with the following conditions:

1. The programme will be implemented mainly in 12 Rain Shadow Districts i.e. Ananthapur, Kurnool, Kadapa, Chittoor, Mahboobnagar, Karimnagar, Medak, Ranga Reddy, Nalgonda, Nellore, Guntur and Prakasam, from July onwards to cover South-West monsoon duly utilizing **Three Radars and Three Aircrafts for 120 days along with one Cloud Physics Aircraft for 30 days for the monsoon year.**

(Contd..2.)

2. The amount for cloud seeding will be sanctioned separately. The amount will include the cost of material, fixed charges for the machinery equipment, fuel charges, installation of radars, monitoring and evaluation, customs, airport and any other charges which may come up during the period of operations.
  3. The selection of Cloud Seeding Agency shall be done by the Tender Committee.
  4. The programme will be implemented by the Coordinator, CASWMT, JNTU, Hyderabad who will be responsible for the success of the programme.
  5. The CASWMT, JNTU, Hyderabad shall be accountable for proper utilization of amount that would be sanctioned separately for Cloud Seeding in terms of deliverable and verifiable results based on established parameters and protocols through a scientific mechanism.
  6. Day-to-day monitoring and evaluation of the programme shall be done by a independent organization / agency, in addition to CASWMT, JNTU, which will be independent from the implementation instrumentalities. The agency will be stationed in JNTU and will independently monitor the implementation of the programme as per protocols and agreement signed between CASWMT, JNTU and the contractor entrusted with the Cloud Seeding Operations. The agency shall also evaluate the programme after completion and submit a report directly to the Principal Secretary to Government, RSAD Department within a month. The Coordinator, CASWMT, JNTU, Hyderabad shall submit the proposal for appointment / selection of such agency with detailed terms of reference to the Government within a week.
6. The Coordinator, CASWMT, JNTU, Hyderabad is requested to take necessary action in the matter.
7. This order issues with the concurrence of Finance (Expr. A&C) Department, vide their U.O.No. 3032/127/A2/EAC/09, dated: 7.3.2009.
8. The G.O. is available on internet and can be accessed at the address <http://goir.ap.gov.in>

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

**R.S. GOEL**  
**PRINCIPAL SECRETARY TO GOVERNMENT**

To

The Chairman & All Members of the Tender Committee through the Coordinator,  
CASWMT, JNTU, Kukatpally, Hyderabad.

The Coordinator, CASWMT, JNTU, Kukatpally, Hyderabad.

The Vice Chancellor, JNTU, Hyderabad.

The District Collectors of Anantapur, Kadapa, Chittoor, Kurnool, Prakasam, Nellore,  
Guntur, Mahaboobnagar, Rangareddy, Karimnagar, Nalgonda and Medak.

The Commissioner of Agriculture, Fathemaiddan, Hyderabad.

The Spl. Chief Secretary to Government, Finance Department.

The Director, India Metrological Department, Airport Colony, Begumpet,  
Hyderabad.

The Prl. Secretary to Government, Agriculture & Cooperation Department.

The Commissioner, Disaster Management & E.O. Prl. Secretary to Govt. Revenue  
(D.M) Department.

(Contd..3.)

The Engineer-in-Chief, Irrigation, Hyderabad.  
The Director, Ground Water Directorate, Hyderabad.  
The Director of Treasuries & Accounts, Andhra Pradesh Hyderabad.  
The Director, State Audit, Andhra Pradesh, Hyderabad.  
The Director Economics & Statistics, Hyderabad.  
The Addl. Commissioner, Relief, Secretariat, Hyderabad.

**Copy to:**

The Finance (Budget Expr. A&C) Dept.  
The P.S. to Spl. Secretary to C.M.  
The P.S. to Chief Secretary to Government.  
The P.S. to Minister for (A.H.S & RSAD) Department.  
The P.S. to Prl. Secretary to Government, RSAD Department.  
SF/SCs.

// FORWARDED::BY ORDER //

SECTION OFFICER